CONTENTS OF VOLUME 30

NUMBER 1

1 DISSOCIATION BETWEEN MATERNAL AND FETAL TOXICITY OF METHYL ISOCYANATE IN MICE AND RATS **D. R. Varma, I. Guest, S. Smith, and S. Mulay**

15 METABOLISM AND DISTRIBUTION OF BROMODICHLOROMETHANE IN RATS AFTER SINGLE AND MULTIPLE ORAL DOSES **J. M. Mathews, P. S. Troxler, and A. R. Jeffcoat**

23 TERATOGENICITY OF METALS TO CHICK EMBRYOS **Shamshad H. Gilani and Yasmin Alibhai**

33 COMPARISON OF POLYCHLORINATED DIBENZODIOXIN LEVELS WITH HEPATIC MIXED-FUNCTION OXIDASE INDUCTION IN GREAT BLUE HERONS **G. D. Bellward, R. J. Norstrom, P. E. Whitehead, J. E. Elliott, S. M. Bandiera, C. Dworschak, T. Chang, S. Forbes, B. Cadario, L. E. Hart, and K. M. Cheng**

53 EFFECTS OF NAPHTHALENE AND NAPHTHALENE METABOLITES ON THE IN VITRO HUMORAL IMMUNE RESPONSE **T. T. Kawabata and K. L. White, Jr.**

69 BOOK REVIEWS

NUMBER 2

71 U-SHAPED DOSE-RESPONSE CURVES: THEIR OCCURRENCE AND IMPLICATIONS FOR RISK ASSESSMENT **J. Michael Davis and David J. Svendsgaard**

85 QUANTITATIVE ANALYSIS OF HEPATOCELLULAR LESIONS INDUCED BY DI(2-ETHYLHEXYL)PHTHALATE IN F-344 RATS **M. S. Rao, A. V. Yeldandi, and V. Subbarao**

91 CHRONIC TOXICITY AND ONCOGENICITY OF PICLORAM IN FISCHER 344 RATS **W. T. Stott, K. A. Johnson, T. D. Landry, S. J. Gorzinski, and F. S. Cieszlak**

105 REPRODUCTIVE ABNORMALITIES IN FEMALE MICE EXPOSED NEONATALLY TO VARIOUS DOSES OF COUMESTROL **Cynthia D. Burroughs, Karen Tanada Mills, and Howard A. Bern**

123 DOSE-RESPONSE RELATIONSHIP OF OZONE-INDUCED AIRWAY HYPERRESPONSIVENESS IN UNANESTHETIZED GUINEA PIGS **Masanori Nishikawa, Shunsuke Suzuki, Hirotada Ikeda, Tsutomu Fukuda, Junnichi Suzuki, and Takao Okubo**

135 BOOK REVIEWS

139 ANNOUNCEMENTS

NUMBER 3

141 PARTICLE DISTRIBUTION IN LUNG AND LYMPH NODE TISSUES OF RATS AND DOGS AND THE MIGRATION OF PARTICLE-CONTAINING ALVEOLAR CELLS IN VITRO **Heinz-Leonhard Mueller, Brian Robinson, Bruce A. Muggenburg, Nancy A. Gillett, Raymond A. Guilmette**

167 DISPOSITION AND RETENTION OF MERCURIC CHLORIDE IN MICE AFTER ORAL AND PARENTERAL ADMINISTRATION **Jesper Bo Nielsen and Ole Andersen**

181 ORAL *meso*-2,3-DIMERCAPTOSUCCINIC ACID IN PREGNANT SPRAGUE-DAWLEY RATS: TERATOGENICITY AND ALTERATIONS IN MINERAL METABOLISM. I. TERATOLOGICAL EVALUATION **J. L. Domingo, A. Ortega, J. L. Paternain, J. M. Llobet, and J. Corbella**

191 ORAL *meso*-2,3-DIMERCAPTOSUCCINIC ACID IN PREGNANT SPRAGUE-DAWLEY RATS: TERATOGENICITY AND ALTERATIONS IN MINERAL METABOLISM. II. EFFECT ON MINERAL METABOLISM **J. L. Paternain, A. Ortega, J. L. Domingo, J. M. Llobet, and J. Corbella**

199 13-WEEK INHALATION TOXICITY STUDY AND FERTILITY ASSESSMENT IN RATS EXPOSED TO ATMOSPHERES CONTAINING ADIPONITRILE **R. D. Short, W. V. Roloff, L. D. Kier, W. E. Ribelin**

209 BEHAVIORAL AND NEUROCHEMICAL CHANGES ASSOCIATED WITH CHRONIC EXPOSURE TO LOW-LEVEL CONCENTRATION OF PESTICIDE MIXTURES **C. A. Boyd, M. H. Weiler, W. P. Porter**

223 ANNOUNCEMENTS

NUMBER 4

225 EXTRACTS OF AIRBORNE PARTICULATES COLLECTED AT DIFFERENT LOCATIONS IN THE COPENHAGEN AREA INDUCE THE EXPRESSION OF CYTOCHROME P-450IA1 **Vibe Roepstorff, Nina Ostenfeldt, and Herman Autrup**

239 KASHIN-BECK DISEASE: A CROSS-SECTIONAL STUDY IN SEVEN VILLAGES IN THE PEOPLE'S REPUBLIC OF CHINA **Shusheng Zhai, Renate D. Kimbrough, Bo Meng, Jingyuan Han, Maurice LeVois, Xiang Hou, and Xuenian Yin**

261 HOW TOXIC IS 2,3,7,8-TETRACHLORODIBENZODIOXIN TO HUMANS? **Renate D. Kimbrough**

273 EFFECT OF CARBON TETRACHLORIDE ON HAMSTER TRACHEAL EPITHELIAL CELLS **M. Ahmadizadeh, R. Echt, W. W. Heusner, L. M. Ross, and R. A. Roth**

287 MORPHOLOGIC INJURY AND LIPID PEROXIDATION IN MONOLAYER CULTURES OF RABBIT TRACHEAL EPITHELIUM EXPOSED IN VITRO TO OZONE **Stephen E. Alpert, Constance M. Kramer, Michael M. Hayes, and Phyllis A. Dennery**

305 COMPREHENSIVE HEALTH EFFECTS TESTING PROGRAM FOR DENVER'S POTABLE WATER REUSE DEMONSTRATION PROJECT **William C. Lauer, Frank J. Johns, Gary W. Wolfe, Barbara A. Myers, Lyman W. Condie, and Joseph F. Borzelleca**

FOLLOWING PAGE 321:

TITLE PAGE TO VOLUME 30

CONTENTS OF VOLUME 30

AUTHOR INDEX TO VOLUME 30

SUBJECT INDEX TO VOLUME 30